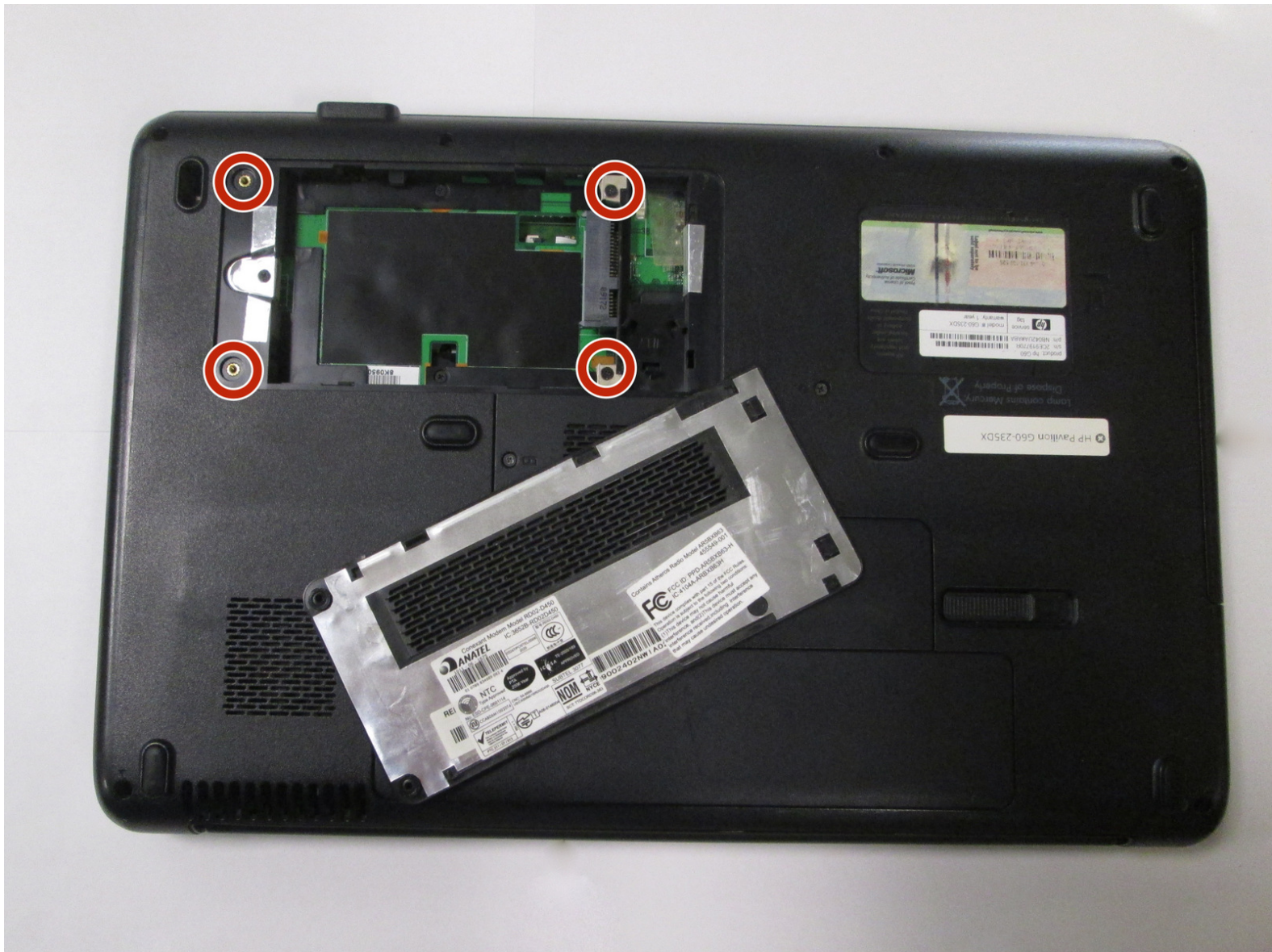




# HP Pavilion G60-235DX Fan Replacement

This guide will help with the replacement of the laptop fan.

Written By: Michael Ayers



## INTRODUCTION

This guide will help with the replacement of the laptop fan. Steps 8-11 are included for the disassembly of the HP Pavilion G60-235DX, and are not necessary for the replacement of the laptop fan.

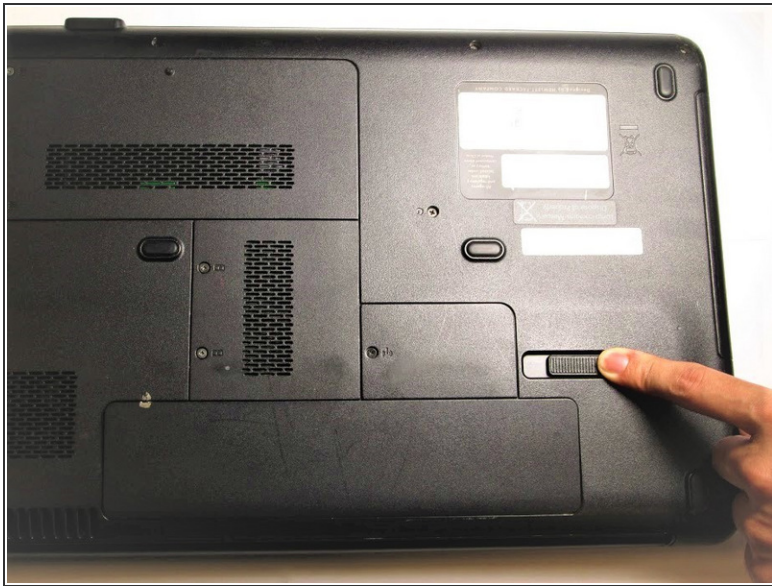
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### TOOLS:

- [Spudger](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
  - [T6 Torx Screwdriver](#) (1)
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## Step 1 — Keyboard




 Please turn the power of your device off. If not, it may cause a damage to the computer's hard drive and the person.

- Slide the lock to remove the battery
- After removing the battery, you can find 8 screws where battery were placed. Unscrew those 8 screws.



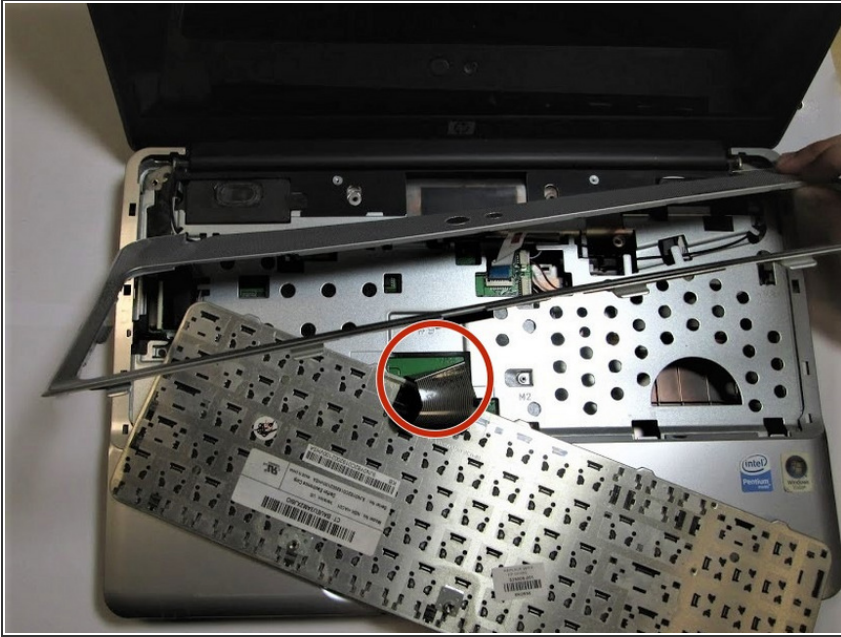
## Step 2



 Do not force if the frame is not coming out. It may break the clip of the frame.

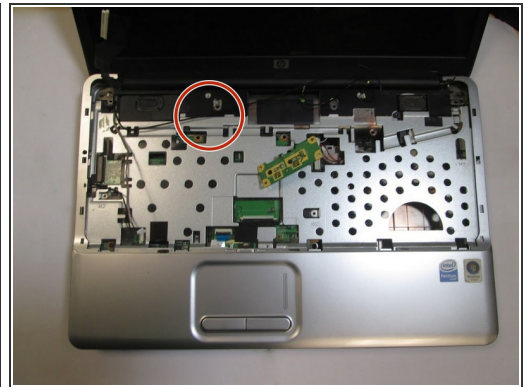
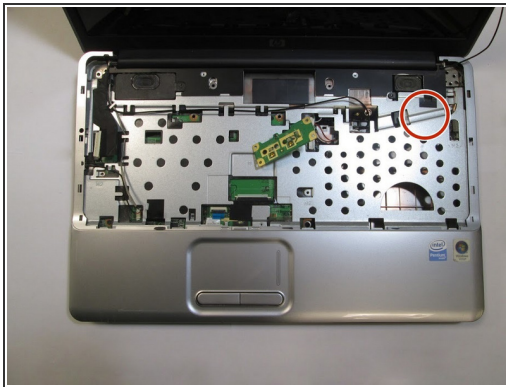
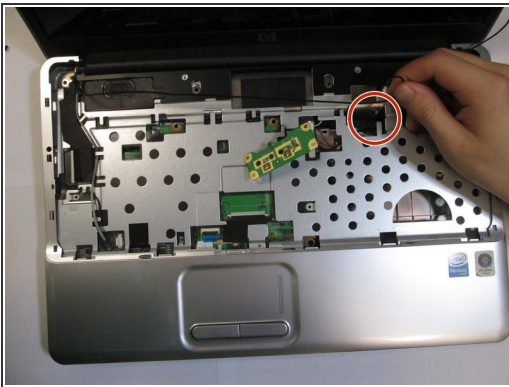
- After the screws from battery house are removed, open the laptop to remove the keyboard frame.
- Approach the frame on the side by using the prying tool. Carefully remove the clip. Watch out not to break the clip.
- Then use the prying tool to carefully remove the frame from the top. Be careful not to break the clip.
- Then, press the button located top of the touch pad to completely remove the frame from the bottom of the frame.

## Step 3



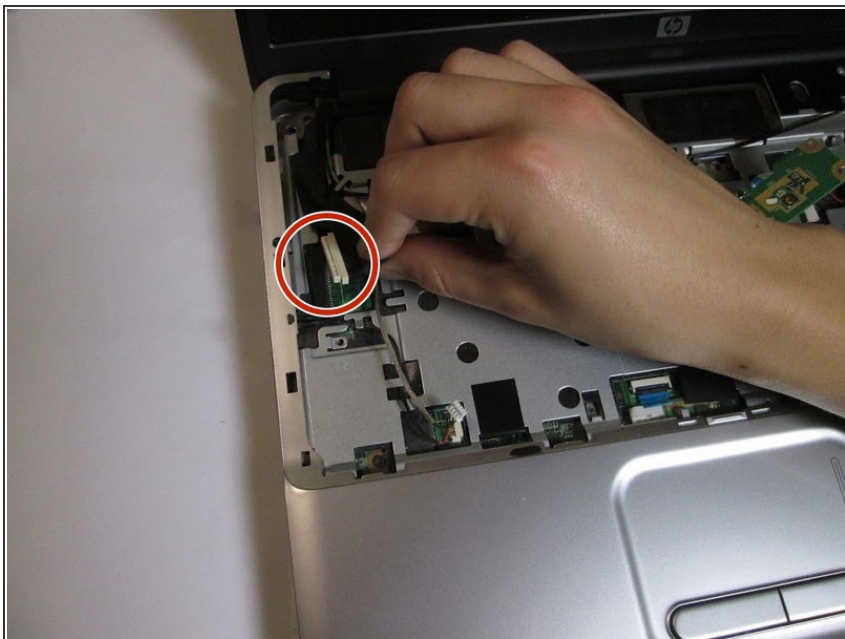
- When the frame is removed, keyboard will be free to be removed. There is cable ribbon to be removed. Gently pull out the ribbon from where it is plugged.
- The keyboard is now detached from the computer.

## Step 4 — Screen



- Unplug two wires by gently pulling it out.
- Then remove two wires from the clip that was holding the wire in place.

## Step 5



- Remove the covered cable ribbon that is located at the left side of the computer.

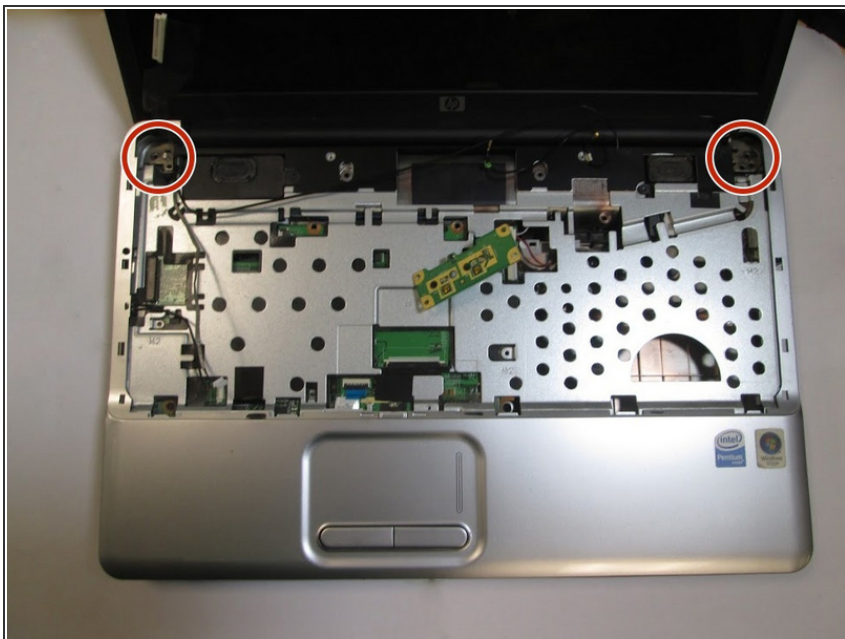
## Step 6



- Gently pull the smaller wire from its clip. Please do not pull the wire by holding the wire itself. Use the plastic cover to pull.



## Step 7



- There are 3 screws holding the screen from laptop each side. Unscrew every screw for each side.
- Then gently pull out the screen from its place. Be sure not to force it out.

## Step 8



- Use the spudger to remove the rubber sticker located at the bottom of each side of the screen.
- Unscrew the the screws from each side.

## Step 9



- Firmly pry the front screen cover off. Slide the prying tool around the front screen. Please be careful not to destroy the clip. It will destroy the entire screen.

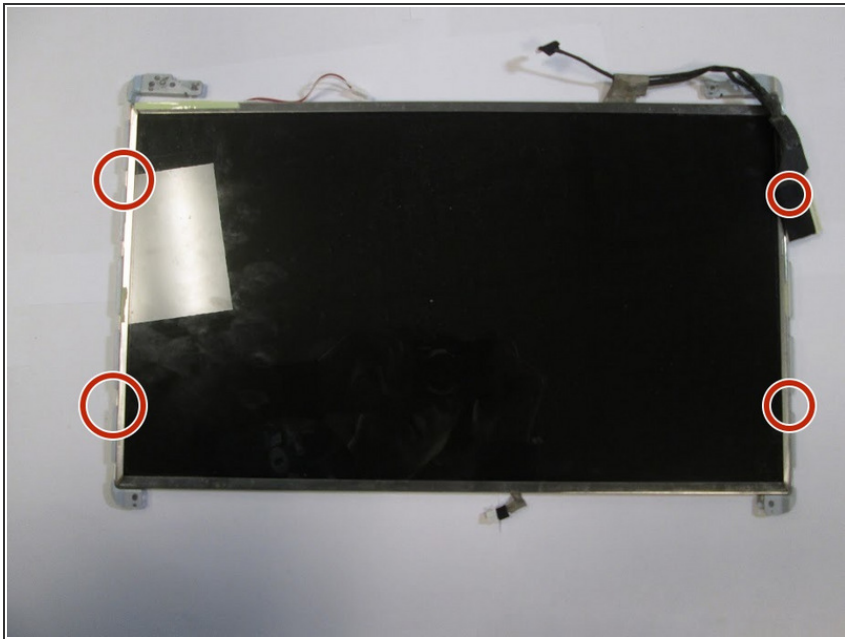
## Step 10



- ⚠ Be careful when moving the screen, you may damage the monitor and webcam cable.
- Remove the screen from its house.
- Gently disconnect the webcam cable from the monitor which locate at the back of the laptop.



## Step 11



- Remove four screws from the side.

## Step 12 — Ram



- Lay the computer so that the backside is facing you and locate the screw in the picture.

## Step 13



- Remove the screws.

## Step 14



- Remove the cover that was held in by the screws that you just removed.

## Step 15



- Push this slide over in order to remove the battery. This is safe when working with your computers memory.

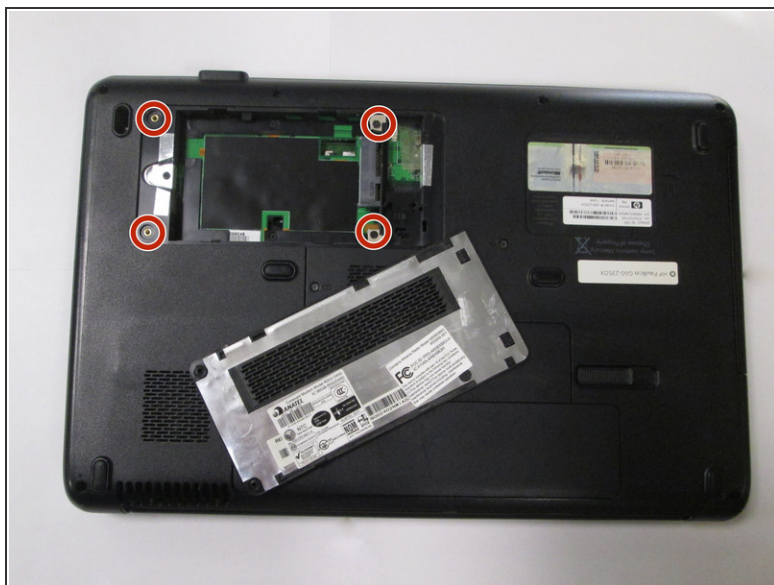
## Step 16



- Remove each one of the rams so that the computer looks like this. You can do so by squeezing tabs on each side of the ram.



## Step 17 — Fan



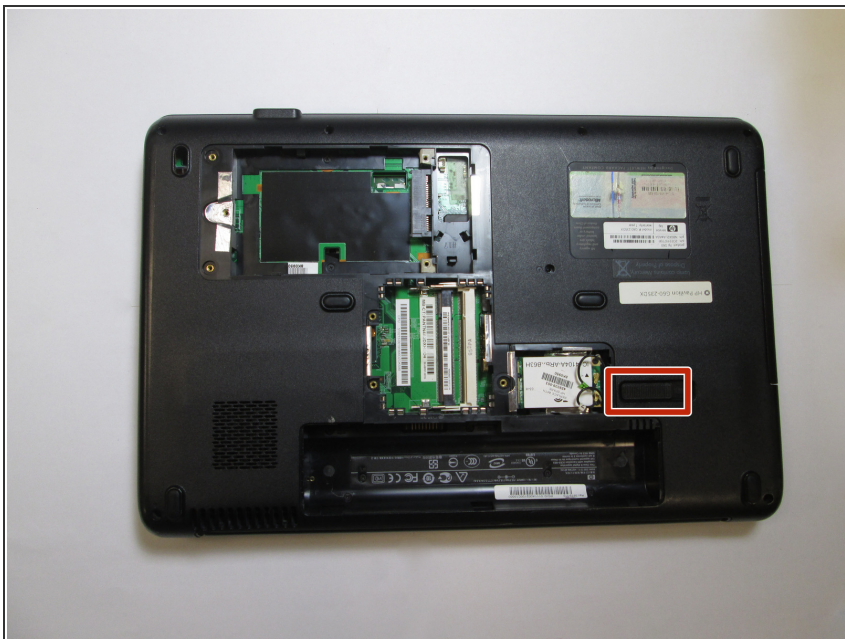
- Remove the plate on the upper left side of the back plate, shown here.
- You will need to use a screwdriver to remove the 5 mm screws holding this plate down.

## Step 18



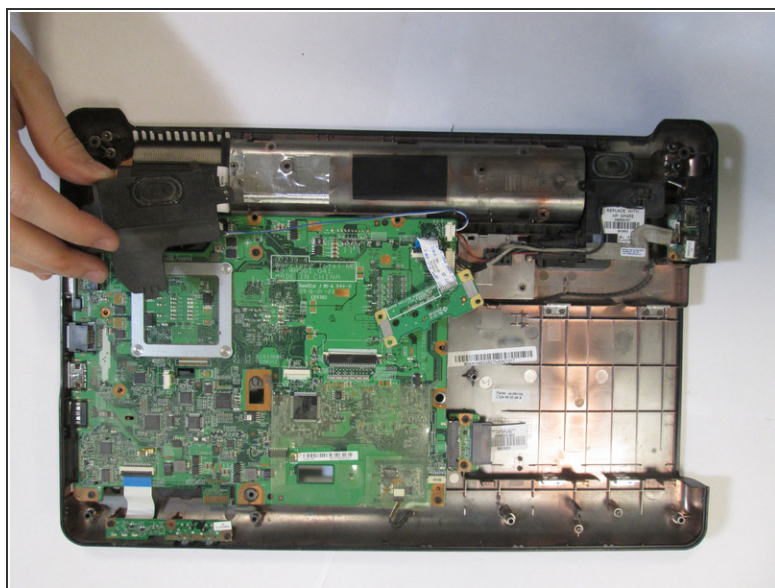
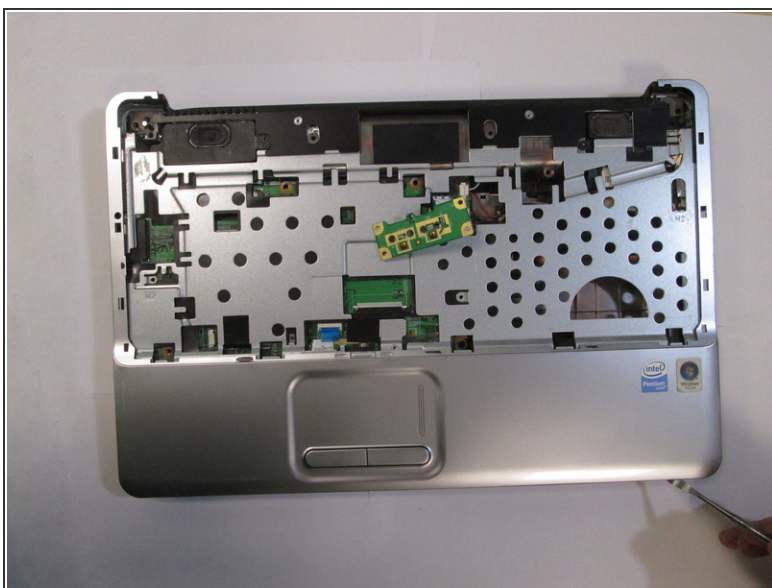
- Using a screwdriver, remove the 3 mm screws holding together the plate found in the directly right of the central plate.

## Step 19



- Remove the battery by sliding the lock switch and pulling up and outwards.
- The battery is located directly beneath the two most recent plates that have been removed.

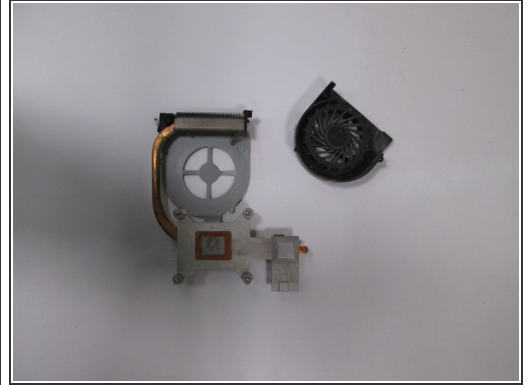
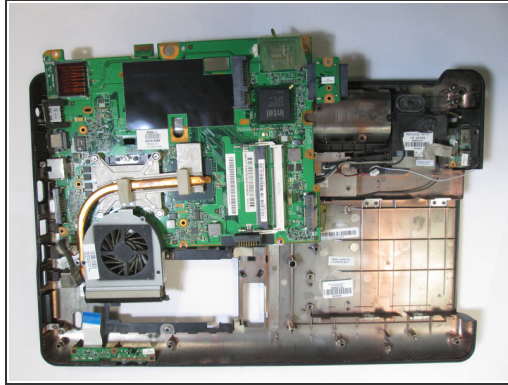
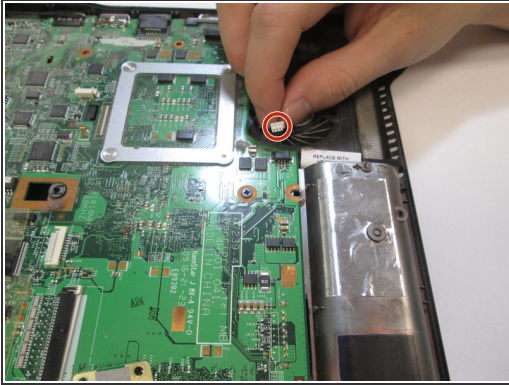
## Step 20



- Use a spudger to remove the remaining keyboard plate on the front of the laptop body.



## Step 21



- Remove the wire that is connecting the fan to the left side of the motherboard.
- You are now able to swap the faulty fan for a replacement.

To reassemble your device, follow these instructions in reverse order.

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